

★SONY T03 2000-241875/21 ★JP 2000057620-A  
**Objective lens protector for optical recording and reproduction apparatus, has shutter to interlock motor and lens, to cover lens when it is in fixed position and in non-playing state, to prevent dust entry**

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**NOVELTY** - The objective lens (3) is interlocked with a motor (21) which drives it, through a transmitting gear (9). A shutter (24) is provided on the gear, such that it covers the objective lens, when the objective lens is moved to a fixed position and in a non-playing state, to prevent dust entry.

**Use:** For optical recording and reproduction apparatus.

**Advantage:** Prevents rapid degradation of recording characteristics since dust entry is avoided, and hence durability is also improved. Since shutter is integrally formed, additional components are not required and hence manufacturing cost is reduced.

**DESCRIPTION OF DRAWING(S)** - The figure shows the front and side elevations of optical recording and reproduction apparatus. (3) Objective lens; (9) Gear; (21) Motor; (24) Shutter. (5pp Dwg.No.1/6)

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